255

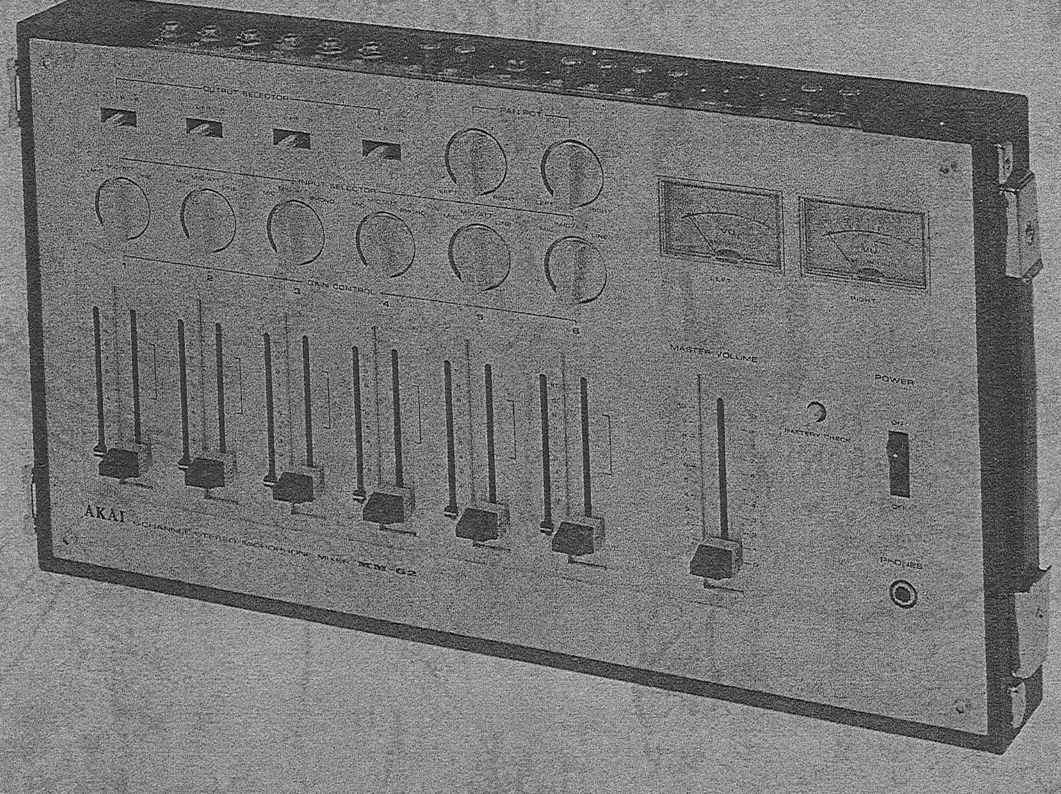
SERVICE MANUAL

PARTS LIST

MODEL MM-62

AKAI

255



AKAI MICROPHONE MIXER

MODEL MM-62

SECTION 1 SERVICE MANUAL 1
SECTION 2 PARTS LIST 13
SECTION 3 SCHEMATIC DIAGRAM 20

SECTION 1

SERVICE MANUAL

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I. TECHNICAL DATA

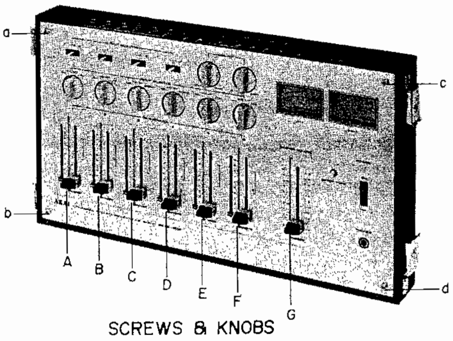
POWER SOURCE	DC12V Battery UM-2x8 or AC Adapter
POWER CONSUMPTION	0.4W
BATTERY USING TIME	Approximately 40 hours of continuous operation
SEMI-CONDUCTORS	25 transistors, 5 diodes
INPUT JACKS	A) Microphone: 6 channels Sensitivity: 0.2 mV (–72 dB) low impedance microphones recommended Microphone Attenuation: –20 dB, 2.0 mV (–52 dB) B) Phono: 2 channels Sensitivity: 1.5 mV (–54 dB) based on RIAA Curve Impedance: 50 k ohms C) Line: 4 channels Sensitivity: 40 mV (–26 dB) Impedance: 20 k ohms
OUTPUT JACKS	A) Line: 2 (Left/Right) channels Load Impedance: More than 10 k ohms Rated Output Level: 0.435V (–5 dB) B) Headphone: 1 stereo jack Load Impedance: 8 ohms Rated Output Level: 50 mV (–24 dB)
FREQUENCY RESPONSE	Mic: 20 to 20,000 Hz ±3 dB Line: 20 to 50,000 Hz ±1 dB
DISTORTION FACTOR	Less than 0.3%
SIGNAL-TO-NOISE RATIO	Better than 55 dB (DIN A)
DIMENSIONS	450(W) x 80(H) x 250(D) mm (17.7 x 3.1 x 9.8")
WEIGHT	3.7 kg (incl. batteries) 8.1 lbs

* For improvement purposes, specifications and design are subject to change without notice.

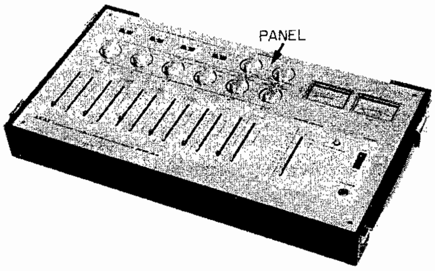
II. DISMANTLING OF UNIT

In case of trouble, etc. necessitating disassembly, please disassemble in the order shown in photographs. Reassemble in reverse order.

1


a
c
b
A
B
C
D
E
F
G
d
SCREWS & KNOBS

2



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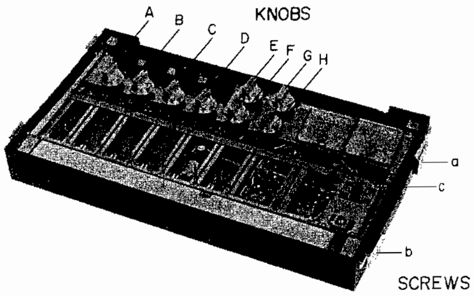
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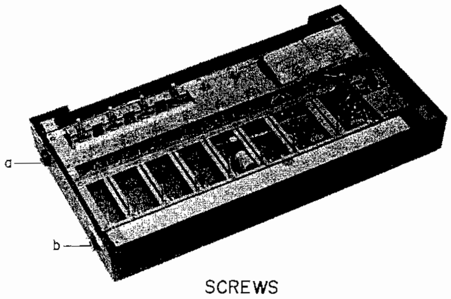
B
C
KNOBS
D
E
F
G
H
a
c
b
SCREWS

4



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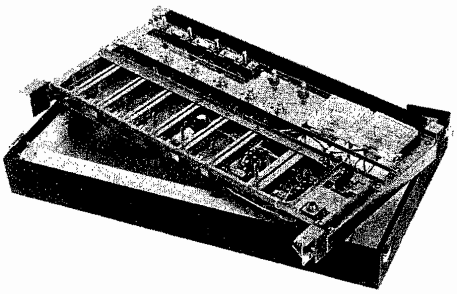

III. CONTROLS

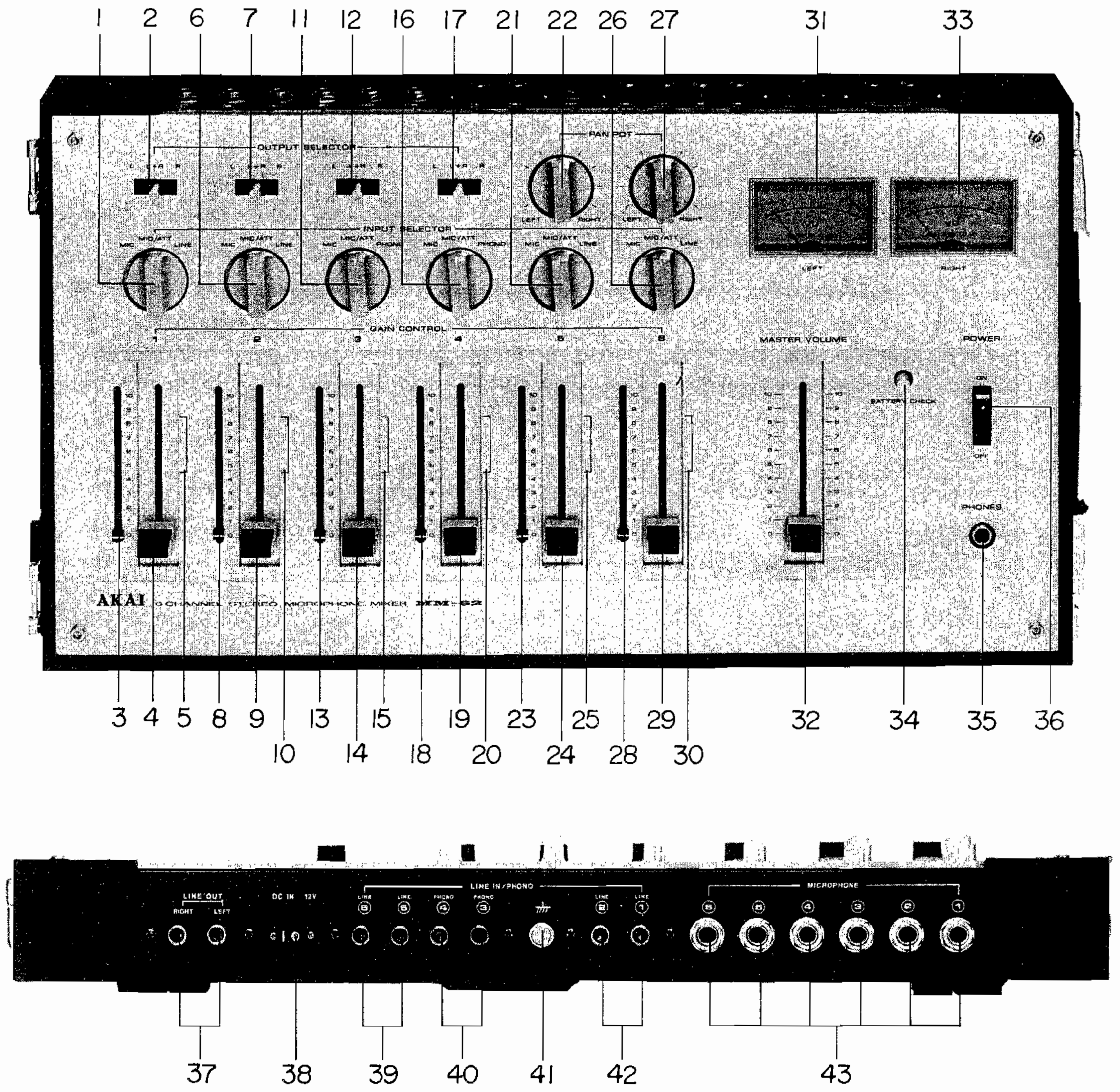
1
2
6
7
11
12
16
17
21
22
26
27
31
33
OUTPUT SELECTOR
PAN POT
INPUT SELECTOR
GAIN CONTROL
MASTER VOLUME
POWER
BATTERY CHECK
PHONES
AKAI
3
4
5
8
9
10
13
14
15
18
19
20
23
24
25
28
29
30
32
34
35
36
LINE OUT
DC IN
LINE IN / PHONO
MICROPHONE
37
38
39
40
41
42
43

Fig. 1 Controls

1. INPUT SELECTOR CHANNEL 1
2. OUTPUT SELECTOR CHANNEL 1
3. GAIN CONTROL LEVEL MARKER CHANNEL 1
4. GAIN CONTROL CHANNEL 1
5. IDEAL RANGE INDICATOR CHANNEL 1
6. INPUT SELECTOR CHANNEL 2
7. OUTPUT SELECTOR CHANNEL 2
8. GAIN CONTROL LEVEL MARKER CHANNEL 2
9. GAIN CONTROL CHANNEL 2
10. IDEAL RANGE INDICATOR CHANNEL 2
11. INPUT SELECTOR CHANNEL 3
12. OUTPUT SELECTOR CHANNEL 3
13. GAIN CONTROL LEVEL MARKER CHANNEL 3
14. GAIN CONTROL CHANNEL 3
15. IDEAL RANGE INDICATOR CHANNEL 3
16. INPUT SELECTOR CHANNEL 4
17. OUTPUT SELECTOR CHANNEL 4
18. GAIN CONTROL LEVEL MARKER CHANNEL 4
19. GAIN CONTROL CHANNEL 4
20. IDEAL RANGE INDICATOR CHANNEL 4
21. INPUT SELECTOR CHANNEL 5
22. PANPOT CONTROL CHANNEL 5
23. GAIN CONTROL LEVEL MARKER CHANNEL 5
24. GAIN CONTROL CHANNEL 5
25. IDEAL RANGE INDICATOR CHANNEL 5
26. INPUT SELECTOR CHANNEL 6
27. PANPOT CONTROL CHANNEL 6
28. GAIN CONTROL LEVEL MARKER CHANNEL 6
29. GAIN CONTROL CHANNEL 6
30. IDEAL RANGE INDICATOR CHANNEL 6
31. LEFT VU METER
32. MASTER VOLUME CONTROL
33. RIGHT VU METER AND BATTERY LEVEL INDICATOR METER
34. BATTERY CHECK BUTTON
35. HEADPHONE JACK
36. POWER SWITCH
37. LEFT/RIGHT LINE OUTPUT JACKS
38. ALTERNATE POWER SOURCE CONNECTION JACK
39. LINE INPUT JACKS CHANNEL 6 and CHANNEL 5
40. PHONO INPUT JACKS CHANNEL 4 and CHANNEL 3
41. PHONO GROUND TERMINAL
42. LINE INPUT JACKS CHANNEL 2 and CHANNEL 1
43. MICROPHONE INPUT JACKS CHANNEL 1 to CHANNEL 6

IV. PRINCIPAL PARTS LOCATION

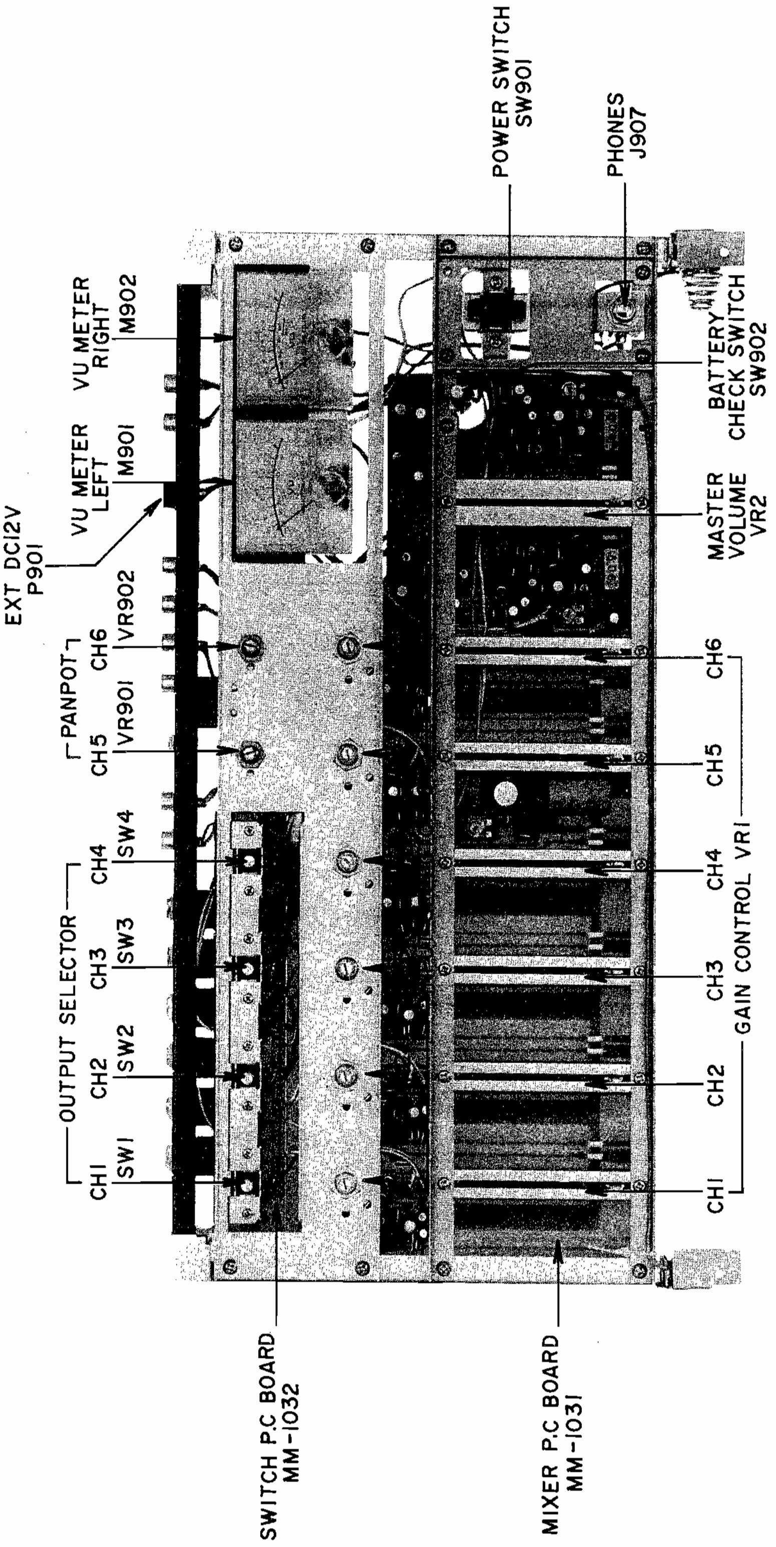
POWER SWITCH
SW901
PHONES
J907
VU METER
RIGHT
M902
VU METER
LEFT
M901
EXT DC12V
P901
PANPOT
CH5
VR901
CH6
VR902
OUTPUT SELECTOR
CH1
SW1
CH2
SW2
CH3
SW3
CH4
SW4
BATTERY
CHECK SWITCH
SW902
MASTER
VOLUME
VR2
GAIN CONTROL VR1
CH6
CH5
CH4
CH3
CH2
CH1
SWITCH P.C BOARD
MM-1032
MIXER P.C BOARD
MM-1031

Fig. 2 Top View

V. AMPLIFIER ADJUSTMENT

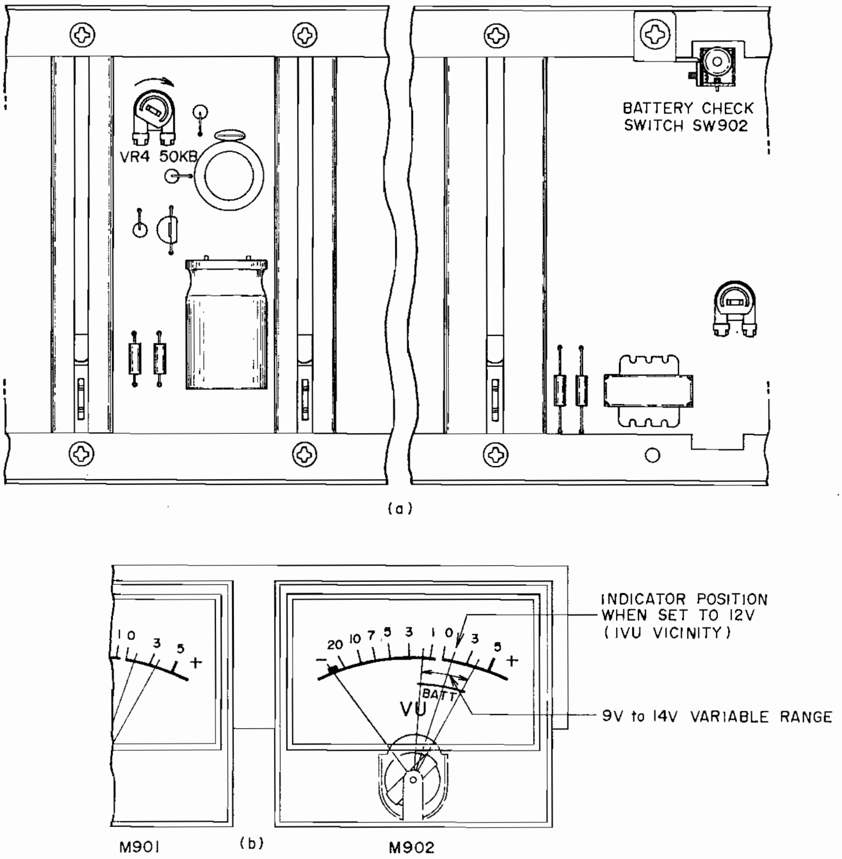
VR4 50KB
BATTERY CHECK SWITCH SW902
(a)
INDICATOR POSITION WHEN SET TO 12V (1VU VICINITY)
9V to 14V VARIABLE RANGE
20 10 7 5 3 1 0 3 5
VU
BATT
M901
(b)
M902

Fig. 3 Battery Check Level Adjustment

1. BATTERY CHECK LEVEL ADJUSTMENT (Refer to Fig. 3)

Adjust VR4 50 kB so that when DC 12V is supplied from the external power source terminal and the battery check switch depressed, VU meter indication is in the vicinity of 1 VU.

Vary the external power source within DC 9V–14V and confirm that the VU meter indication is within the battery check level indicator range.

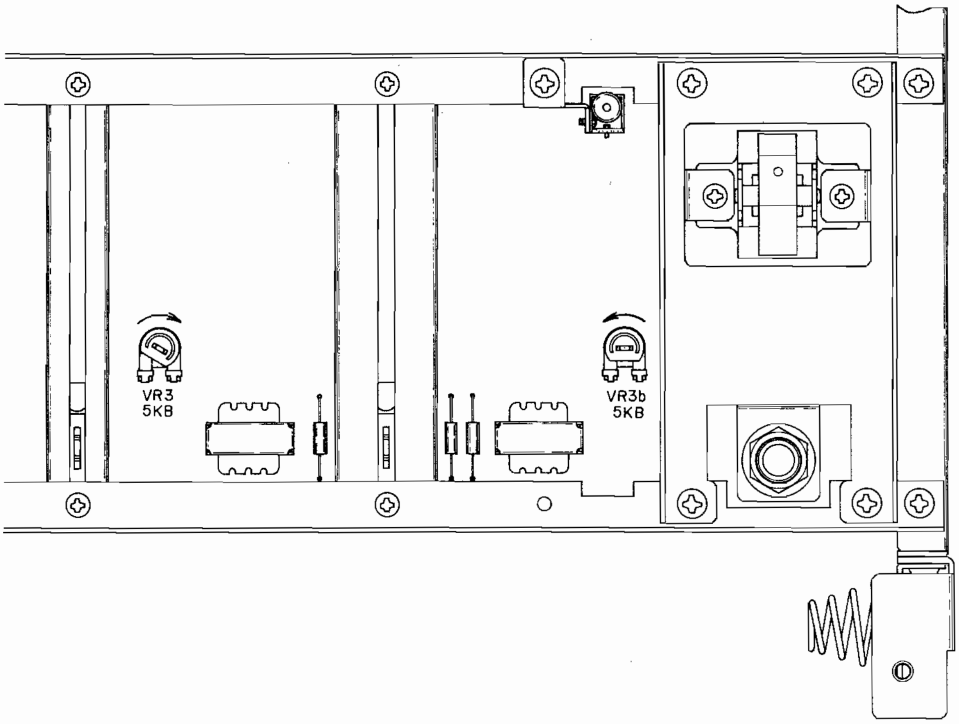

Fig. 4 VU Meter Sensitivity Adjustment

2. VU METER SENSITIVITY ADJUSTMENT (Refer to Fig. 4)

Supply a 1 kHz signal to CH1 line input. Set Input Selector to LINE and Output Selector to L + R, and set the Master Volume to maximum. Set Gain Control for a −5 ±0.3 dBm output at the line out, and at this time adjust VR3 5 kB so that the VU meter indication is 0 VU.

Note: Do not supply input to the other channels.

VI. CLASSIFICATION OF VARIOUS P.C BOARDS

1. RELATION OF P.C BOARD TITLE AND NUMBER

P.C Board	Number of P.C Board
Mixer P.C Board	MM-1031
Switch P.C Board	MM-1032

Chart 1

MEMO

SECTION 2

PARTS LIST

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1. RECOMMENDED SPARE PARTS LIST 15
2. MIX P.C BOARD (MM-1031) BLOCK 16
3. SW. P.C BOARD (MM-1032) BLOCK 16
4. ASSEMBLY BLOCK 16
5. FINAL ASSEMBLY BLOCK 18
6. LIST OF INTERCHANGEABLE SEMICONDUCTORS 19
INDEX 20

Resistor and Capacitor which is not listed in this parts list, please refer to COMMON LIST FOR SERVICE PARTS.

S. 11 + 12 leer

HOW TO USE THIS PARTS LIST

1. This parts list is compiled by various individual blocks based on assembly process.
2. When ordering parts, please describe parts number, serial number, and model number in detail.
3. How to read List

The reference number corresponds with illustration or photo number of that particular parts list.

This number corresponds with the Figure Number.

This number corresponds with the individual parts index number in that figure.

A small "x" indicates the inability to show that particular part in the Photo or Illustration.

12-115x

Schematic Diagram Number of individual manufactured part.
(not required for parts order)

Quantity of particular part required.

Ref. No.	Parts No.	Description	Schematic No.	Q'ty
		FLYWHEEL BLOCK #13		
12-115x	800425	Flywheel Block Assy. Comp.	RDG #13	1
12-116	244506	Flywheel Only	RD-233	1
12-117x	244754	Felt, Flywheel	RD-275	1
12-118	251324	Main Metal Case	RD-236	1
12-119	253080	Main Metal	RD-237	1

4. The symbol numbers shown on the P.C. Board list can be matched with the Composite Views of Components of the Schematic Diagram or Service Manual.
5. Please utilize separate "Common List for Service Parts" for Resistor Parts orders.
6. The shape of the parts and parts name, etc. can be confirmed by comparing them with the parts shown on the Electrical Parts Table of P.C. Board.
7. Both the kind of part and installation position can be determined by the Parts Number. To determine where a parts number is listed, utilize Parts Index at end of Parts List.
   It is necessary first of all to find the Parts Number. This can be accomplished by using the Reference Number listed at right of parts number in the Parts Index. (meaning of ref. no. outlined in Item 3 above).
8. Utilize separate "Price List for Parts" to determine unit price. The most simple method of finding parts Price is to utilize the reference number.

CAUTION:
1. When placing an order for parts, be sure to list the parts no. model no., and description. There are instances in which if any of this information is omitted, parts cannot be shipped or the wrong parts will be delivered.
2. Please be careful not to make a mistake in the parts no. If the parts no. is in error, a part different from the one ordered may be delivered.

1. RECOMMENDED SPARE PARTS LIST

Because, if the parts listed below are on hand, almost any repair can be accomplished, we suggest that you stock these Recommended Spare Parts Items.

Parts No.	Description	Note
BA299878	Mixer P.C Board Comp. MM-1031	
BA299880	Switch P.C Board Comp. MM-1032	
BC299777	Case Block Comp.	
BD299801	Front Panel Block Comp.	
ED219464	Germanium Diode 1N34A	D1, D2
ED224526	Silicon Diode 10D1	D3
EJ297958	Mic Jack 2PMJ2B	J901 to J906
EJ275220	Jack Plate	4P
EJ275231	Jack Plate	2P
EJ290092	Power Connector EC342-1-3	P901
EJ391083	Mic Jack 3PMJ1P	J907
EM275185	VU Meter	M901 (Left)
EM275196	VU Meter	M902 (Right, Battery Check)
ES275218	Rotary SW. SRM-1043	SW1
ES285592	Seesaw SW. SDE2SCBU	SW901 (Power)
ES290081	Push SW. UEK11G	SW902 (Battery Check)
ES677305	Lever SW. SLE54305	SW1 to 4
ET398788	Transistor 2SC945L(R)	TR5 to 9
ET495426	Transistor 2SC1222(E)	TR1 to 4
EV265544	Slide Vol. MDE4R0002 20 kA×2	VR2
EV265566	Slide Vol. LDE4R0002 20 kA	VR1 (Ch1 to 6)
EV275207	Vol. GM70E696 50kMN	VR901, 902
SK274836	Selector Knob	
SK569237	Slide Knob CG-8	

2. MIX P.C. BOARD (MM-1031) BLOCK

Symbol No.	Parts No.	Description	Schematic No.	Q'ty
2-1	BA299878	MIX P.C Board Comp. (MM-1031)		1
2-TR1to4	ET495426	Transistor 2SC1222 (E)	45-1-110	16
2-TR5to9	ET398788	Transistor 2SC945 (R)	45-1-85	9
2-D1,2	ED219464	Germanium Diode 1N34A	45-3-1	4
2-D3	ED224526	Silicon Diode 10D1	45-2-11	1
2-T1	BT557144	Headphone Trans. S16-508	38-2-36	2
2-VR3	EV464207	Semi-fixed/Vol. V8K4-1 5 kB	36-10-266	2
2-VR4	EV464220	Semi-fixed/Vol. V8K4-1 50 kB	36-10-266	1

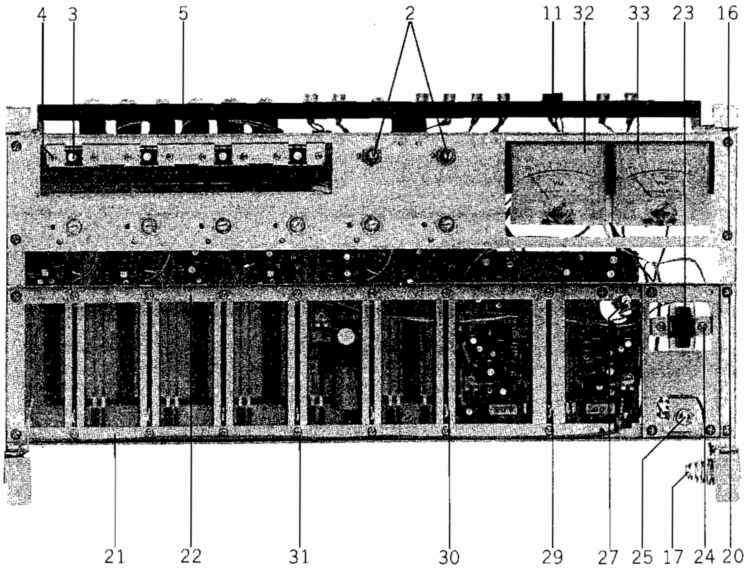
3. SW. P.C BOARD (MM-1032) BLOCK

Symbol No.	Parts No.	Description	Schematic No.	Q'ty
3-1	BA299880	SW. P.C Board Comp. (MM-1032)		1
3-SW1to4	ES677305	Lever SW. SLE54305	25-12-24	4

4) ASSEMBLY BLOCK

Ref. No.	Parts No.	Description	Schematic No.	Q'ty
	SW. MT. PLATE BLOCK			
4-1x	EZ274814	Meter Cushion	MM-1009	1
4-2	EV275207	Vol. GM70E696-50kMN	36-22-23	2
4-3	ES275218	Rotary SW. SRM1043	25-6-105	6
4-4	ZS432843	Screw, pan head 2.6x4		8
	REAR PANEL BLOCK			
4-5	SP275016	Rear Panel	MM-1014/1015	1
4-6	EJ237958	Mic. Jack 2PMJ2B	31-2-80	6
4-7	EJ275220	Jack Plate JPJ004-1-1	31-1-194	1
4-8	EJ275231	Jack Plate JPJ087-1	31-1-193	2
4-9	ZS201150	Screw, truss head 3x6(Black)		6
4-10	ZW273756	Nut M3, #1		6
4-11	EJ290092	Power Connector EC342-1-3	31-1-195	1
4-12	ZS484918	Screw, pan head 2x8		2
4-13	ZW609311	Nut M2, #1		2
4-14	ZS675382	Earth Screw	AA-52103	1
4-15	ZW259626	Washer (BSP) D3.6x10x0.5t		1
	ASSEMBLY BLOCK			
4-16	ZS447840	Tapping Screw #2 3x8 (BR)		4
4-17	ZG274757	Spring	MM-1005	1
4-18x	ZS379350	Screw, pan head 3x6		1
4-19x	ZW318341	Earth Lug M3 (Special)		1
4-20	ZS325495	Tapping Screw #2 3x6 (BR)		19
4-21	ML274994	Angle (A)	MM-1011	1
4-22	ML275084	Angle (B)	MM-1011	1
4-23	ES285592	Seesaw SW. SDE2SCBU	25-2-44	1
4-24	ZS379350	Screw, pan head 3x6		2
4-25	EJ391083	Mic. Jack 3PMJ1P	31-2-28	1
4-26	ES290081	Push SW. UEK11G	25-5-244	1
4-27	SZ645221	Memory Cap CA	CA-6010	1
4-28x	ZS477876	Screw, pan head 2x3		2
4-29	EV265544	Slide Vol. MDE4R0002-20 kAx2	36-27-6	1
4-30	EV265566	Slide Vol. LDE4R2002-20 kA	36-16-10	6
4-31	ZS422076	Screw, pan head 3x5		14
4-32	EM275185	VU Meter	46-1-150	1
4-33	EM275196	VU Meter	46-1-151	1

4. PHOTO OF ASSEMBLY BLOCK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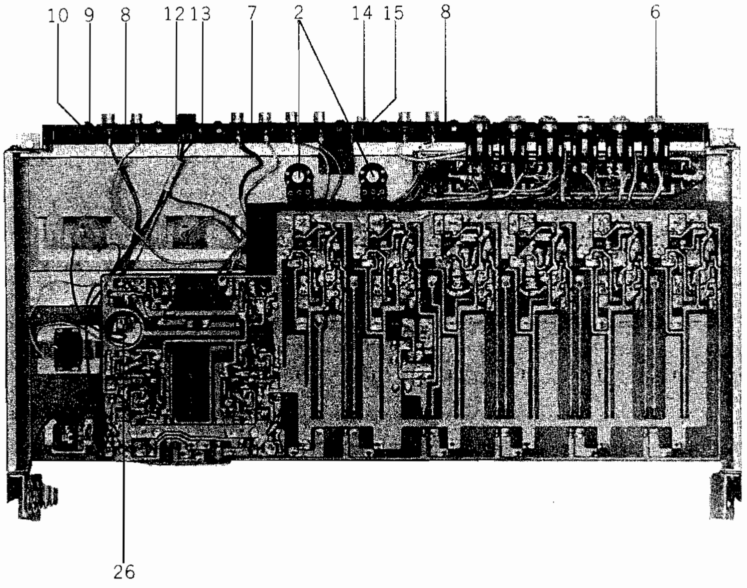
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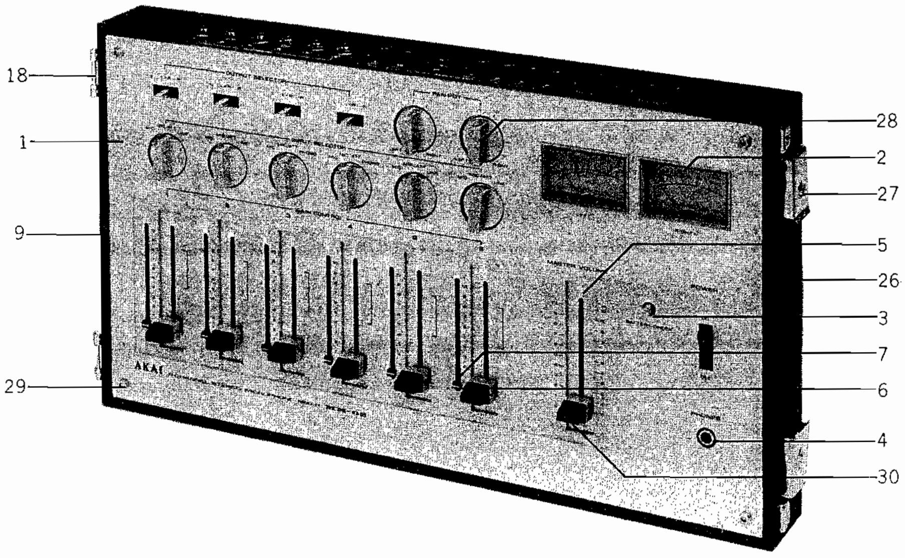
5. PHOTO OF FINAL ASSEMBLY BLOCK



5) FINAL ASSEMBLY BLOCK

Ref. No.	Parts No.	Description	Schematic No.	Q'ty
	FRONT PANEL BLOCK			
5-1	BD299801	Front Panel Block Comp.		1
5-2	SE659654	VU Escutcheon B	CA-6004	2
5-3	SE631585	Button Escutcheon D	CG-6814	1
5-4	EZ436217	Collar, Jack	MC-5006	1
5-5	SP631528	Volume Panel A	CG-6804	7
5-6	SK274858	Memory Knob	MM-1020	6
5-7	ZW274860	Slide Washer	MM-1021	6
5-8x	ZW274871	Lock Washer	MM-1022	6
	CASE BLOCK			
5-9	BC299777	Case Block Comp.		1
5-10x	SA609952	Tran Leg D	2-6-11	4
5-11x	ZS413234	Screw, pan head 4x12		4
5-12x	ZW439604	Washer (SPC) D4.2x9x0.5t		4
5-13x	ZW416698	Nut M4		4
5-14x	SP274904	Rear Plate (Battery case lid)	MM-1026	1
5-15x	SZ275264	Hooking Set C-48-D		2
5-16x	ZS380046	Screw, pan head 3x10		8
5-17x	ZW273756	Nut M3, #1		12
5-18	SZ290035	Hinge Set B-6-5		2
5-19	ZS290024	Screw, oval countersunk head 2.6x12		2
5-20x	ZW265026	Washer D3.1x7x0.5t		2
5-21x	ZS290013	Screw, oval countersunk head 2.6x10		4
5-22x	ZW609322	Nut M2.6, #1		4
5-23x	TA274882	SW. Change Boss	MM-1024	1
5-24x	ZS427026	Screw, countersunk head 4x10		1
5-25x	SM274893	Name Plate (AKAI)	MM-1025	1
	ASSEMBLY BLOCK			
5-26	SZ275174	Handle Set A-164		1
5-27	ZS462161	Screw, oval countersunk head 4x20		2
5-28	SK274836	Selector Knob	MM-1016	8
5-29	ZS613901	Panel Screw	CW-6031	4
5-30	SK569237	Slide Knob CG-8	CP-6024	8

6. LIST OF INTERCHANGEABLE SEMICONDUCTORS

As far as service in concerned, in case the original parts cannot be obtained, the interchangeable parts listed below can be substituted.

Original Parts			Interchangeable Parts	
Description	Parts No.	Utilizing P.C Board	Description	Parts No.
2SC945L (R)	ET398788	MM-1031	2SC711 (E) (F) 2SC1641 (R) (S) (E)	ET453486 ET603843
2SC1222 (E)	ET495426	MM-1031	2SC458LG (C) 2SC1000GR (BL)	ET234854 ET622181
1N34A	ED219464	MM-1031	1S188AM 1N60	ED562386 ED428264
10D1	ED224526	MM-1031	1N4002	ED511907

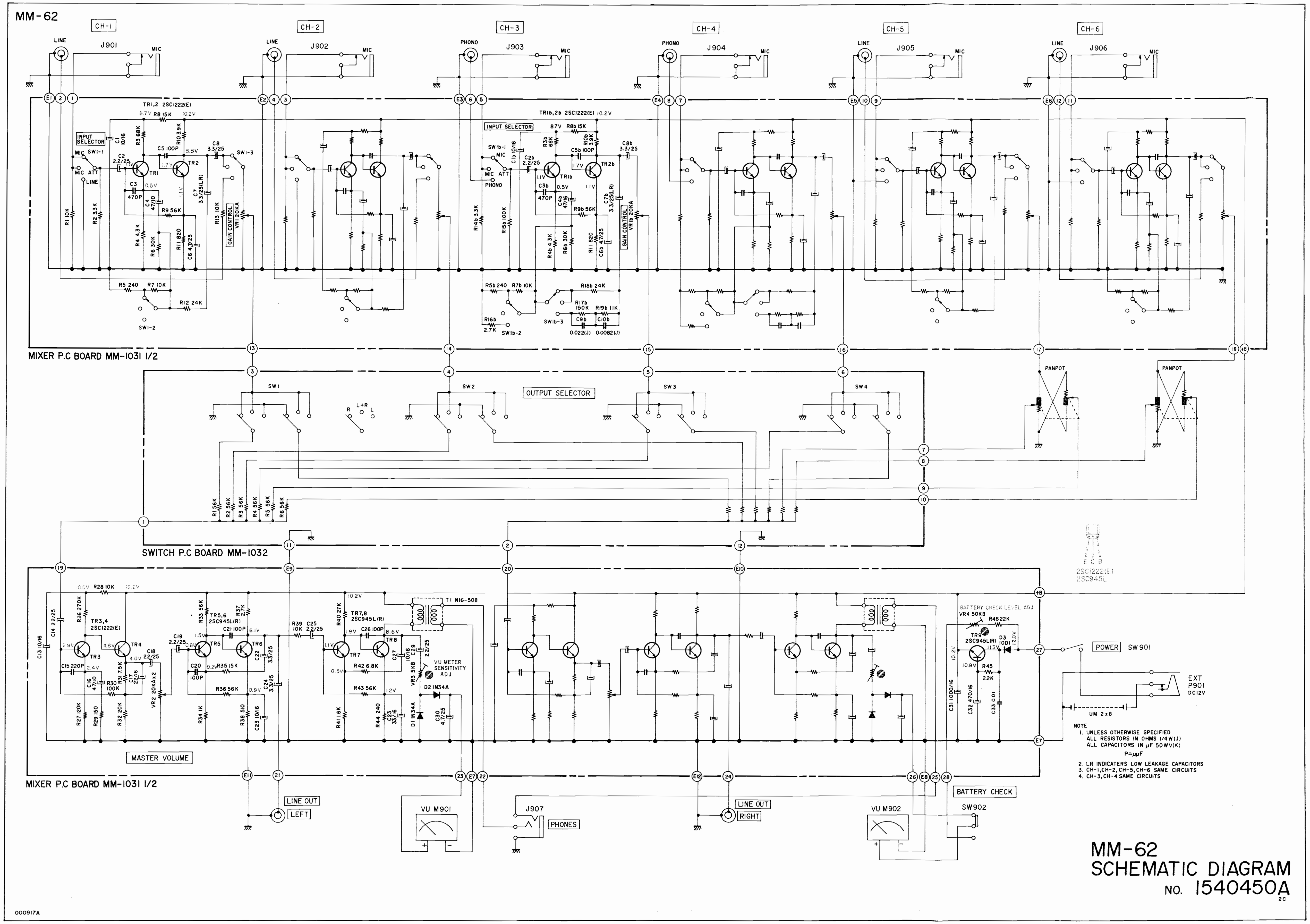
INDEX

Parts No.	Ref. No.
BA299878	2-1
BA299880	3-1
BC299777	5-9
BD299801	5-1
BT557144	2-T1
ED219464	2-D1, 2
ED224526	2-D3
EJ237958	4-6
EJ275220	4-7
EJ275231	4-8
EJ290092	4-11
EJ391083	4-25
EM275185	4-32
EM275196	4-33
ES275218	4-3
ES285592	4-23
ES290081	4-26
ES677305	3-SW1to4
ET398788	2-TR5to9
ET495426	2-TR1to4
EV265544	4-29
EV265566	4-30
EV275207	4-2
EV464207	2-VR3
EV464220	2-VR4
EZ274814	4-1x
EZ436217	5-4
ML274994	4-21
ML275084	4-22
SA609952	5-10x
SE631585	5-3
SE659654	5-2
SK274836	5-28
SK274858	5-6
SK569237	5-30
SM274893	5-25x
SP274904	5-14x
SP275016	4-5
SP631528	5-5
SZ275174	5-26
SZ275264	5-15x
SZ290035	5-18
SZ645221	4-27
TA274882	5-23x
ZG274757	4-17
ZS201150	4-9
ZS290013	5-21x
ZS290024	5-19
ZS325495	4-20
ZS379350	4-18x
ZS379350	4-24
ZS380046	5-16x
ZS413234	5-11x
ZS422076	4-31
ZS427026	5-24x
ZS432843	4-4
ZS447840	4-16
ZS462161	5-27
ZS477876	4-28x
ZS484918	4-12
ZS613901	5-29
ZS675382	4-14
ZW259626	4-15
ZW265026	5-20x
ZW273756	4-10
ZW273756	5-17x
ZW274860	5-7
ZW274871	5-8x
ZW318341	4-19x
ZW416698	5-13x
ZW439604	5-12x
ZW609311	4-13
ZW609322	5-22x

SECTION 3

SCHEMATIC DIAGRAM

1. MM-62 No. 1540450A SCHEMATIC DIAGRAM

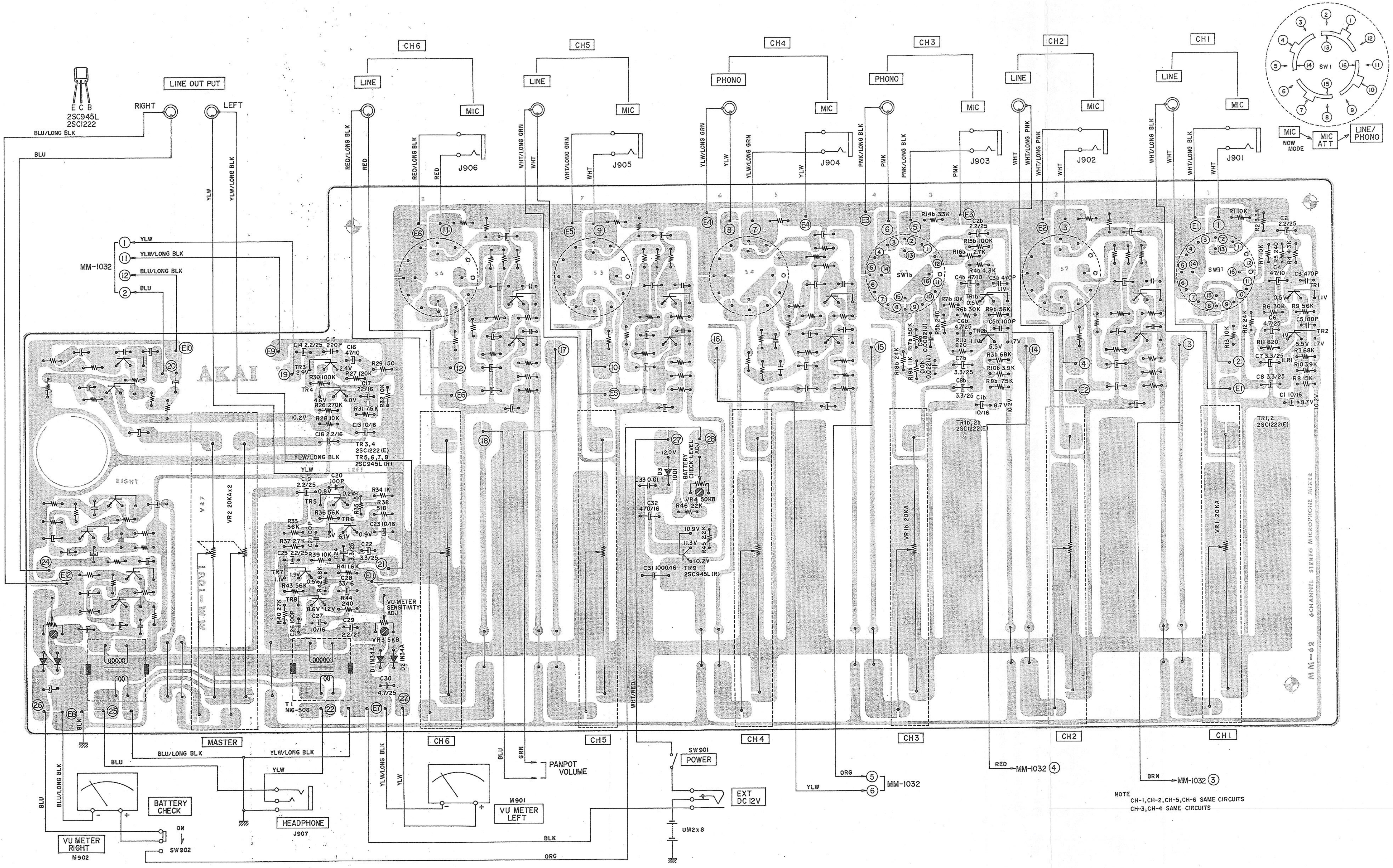

MM-62
CH-1
CH-2
CH-3
CH-4
CH-5
CH-6
LINE
PHONO
MIC
J901
J902
J903
J904
J905
J906
TR1,2 2SC1222(E)
8.7V R8 15K 10.2V
INPUT SELECTOR
SW1-1
MIC ATT
LINE
C1 10/16
R3 68K
R10 3.9K
C2 2.2/25
C3 470P
C4 47/10
C5 100P
5.5V
C8 3.3/25
SW1-3
TR1
TR2
1.7V
1.1V
0.5V
C7 3.3/25(LR)
R9 56K
R1 10K
R2 3.3K
R4 4.3K
R6 30K
R11 820
C6 4.7/25
R13 10K
GAIN CONTROL
VR1 20KA
R5 240
R7 10K
R12 24K
SW1-2
TR1b,2b 2SC1222(E) 10.2V
R8b 15K
R3b 68K
R10b 3.9K
C1b 10/16
C2b 2.2/25
C5b 100P
C8b 3.3/25
SW1b-1
TR1b
TR2b
C3b 470P
C4b 47/16
R9b 56K
C7b 3.3/25(LR)
R14b 3.3K
R15b 100K
R4b 4.3K
R6b 30K
C6b 4.7/25
VR1b 20KA
R5b 240
R7b 10K
R18b 24K
R17b 150K
R19b 11K
C9b 0.022(J)
C10b 0.0082(J)
R16b 2.7K
SW1b-2
SW1b-3
MIXER P.C BOARD MM-1031 1/2
OUTPUT SELECTOR
SW1
SW2
SW3
SW4
R
L+R
L
PANPOT
R1 56K
R2 56K
R3 56K
R4 56K
R5 56K
R6 56K
SWITCH P.C BOARD MM-1032
E C B
2SC1222(E)
2SC945L
10.0V R28 10K 10.2V
R26 270K
TR3,4 2SC1222(E)
C13 10/16
C14 2.2/25
TR3
TR4
C15 220P
C16 47/10
R30 100K
R31 7.5K
C17 22/16
C18 22/25
VR2 20KAx2
R27 120K
R29 150
R32 20K
MASTER VOLUME
R33 56K
R37 2.7K
TR5,6 2SC945L(R)
C19 2.2/25
C20 100P
C21 100P
TR5
TR6
R35 15K
R36 56K
C22 3.3/25
C24 3.3/25
R34 1K
R38 510
C23 10/16
R39 10K
C25 2.2/25
R40 27K
TR7,8 2SC945L(R)
C26 100P
TR7
TR8
T1 N16-508
R42 6.8K
R43 56K
C27 10/16
C29 2.2/25
VR3 5KB
VU METER SENSITIVITY ADJ
D2 1N34A
D1 1N34A
C30 4.7/25
R41 1.6K
R44 240
C23 33/16
BATTERY CHECK LEVEL ADJ
VR4 50KB
R46 22K
TR9 2SC945L(R)
D3 10D1
R45 2.2K
C31 1000/16
C32 470/16
C33 0.01
POWER
SW901
EXT
P901
DC12V
UM 2x8
LINE OUT
LEFT
RIGHT
VU M901
VU M902
J907
PHONES
BATTERY CHECK
SW902
000917A

NOTE
1. UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/4W(J)
ALL CAPACITORS IN μF 50WV(K)
P=μμF
2. LR INDICATERS LOW LEAKAGE CAPACITORS
3. CH-1,CH-2,CH-5,CH-6 SAME CIRCUITS
4. CH-3,CH-4 SAME CIRCUITS

MM-62
SCHEMATIC DIAGRAM
NO. 1540450A
2C

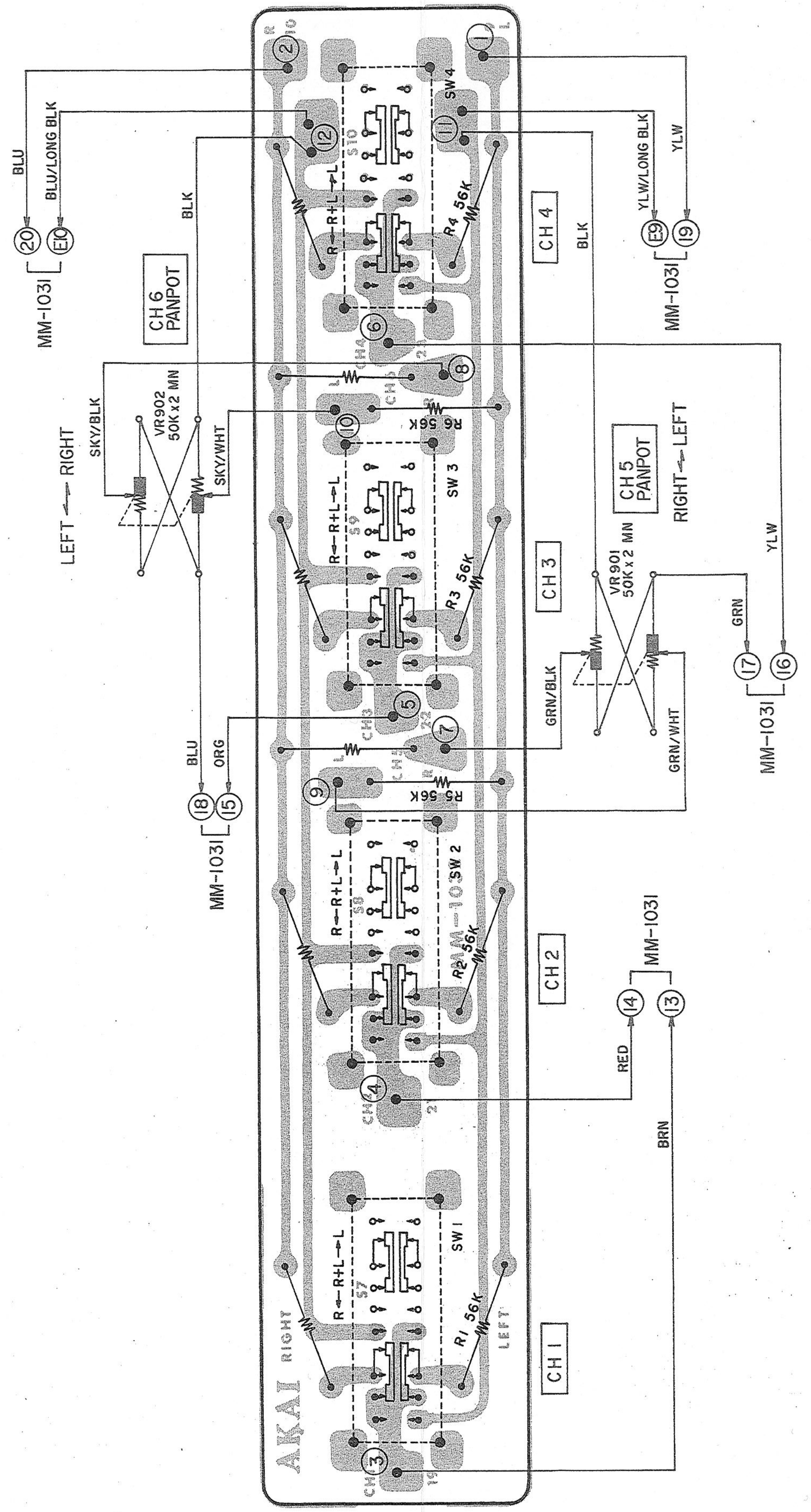
2. COMPOSITION OF VARIOUS P.C BOARDS

1) MIXER P.C BOARD MM-1031


2SC945L
2SC1222
E C B
LINE OUT PUT
RIGHT
LEFT
CH6
CH5
CH4
CH3
CH2
CH1
LINE
MIC
PHONO
J906
J905
J904
J903
J902
J901
SW1
MIC
NOW MODE
MIC ATT
LINE/ PHONO
MM-1032
AKAI
MM-1031
RIGHT
LEFT
VR2 20KAx2
VR1 20KA
VR1b 20KA
TR3,4 2SC1222(E)
TR5,6,7,8 2SC945L(R)
TR1,2 2SC1222(E)
TR1b,2b 2SC1222(E)
TR9 2SC945L(R)
BATTERY CHECK LEVEL ADJ
VR4 50KB
VU METER SENSITIVITY ADJ
VR3 5KB
D1 IN34A
D2 IN34A
T1 N16-508
MASTER
PANPOT VOLUME
SW901
POWER
EXT DC 12V
UM2x8
VU METER RIGHT
M902
BATTERY CHECK
ON
SW902
HEADPHONE
J907
M901
VU METER LEFT
MM-1032 ④
MM-1032 ③
MM-1032 ⑤ ⑥
6CHANNEL STEREO MICROPHONE MIXER
MM-02
BLU
BLU/LONG BLK
YLW
YLW/LONG BLK
RED
RED/LONG BLK
WHT
WHT/LONG GRN
WHT/RED
PNK
PNK/LONG BLK
GRN
BLK
ORG
BRN

NOTE
CH-1,CH-2,CH-5,CH-6 SAME CIRCUITS
CH-3,CH-4 SAME CIRCUITS

2) SWITCH P.C BOARD MM-1032


BLU
BLU/LONG BLK
BLK
20
E10
MM-1031
CH 6 PANPOT
SKY/BLK
VR902 50K x 2 MN
SKY/WHT
LEFT ← RIGHT
BLU
ORG
18
15
MM-1031
YLW/LONG BLK
YLW
E9
19
MM-1031
BLK
CH 5 PANPOT
RIGHT ← LEFT
VR901 50K x 2 MN
GRN/BLK
GRN/WHT
GRN
YLW
17
16
MM-1031
RED
BRN
14
13
MM-1031
CH 1
CH 2
CH 3
CH 4
SW 1
SW 2
SW 3
SW 4
S7
S8
S9
S10
R←R+L→L
R1 56K
R2 56K
R3 56K
R4 56K
R5 56K
R6 56K
1
2
3
4
5
6
7
8
9
10
11
12
AKAI
RIGHT
LEFT
MM-1032

MM-62

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